

Abstract

The present invention relates to a multi-channel network node for routing/switching data from a number of input ports (32, 41) to a number of output ports (25, 60), wherein said data is buffered in a memory unit (20) before being passed to a destined output port. Said memory unit (20) is organized as a number of physical memory queues (22), each queue (22) being assigned to an output port (25), and the network node comprises a switching unit (30, 70) for routing said data from the input port to those memory queue (22) which is assigned to the destined output port (25). The invention further relates to a method for routing/switching data and a multi-channel routing/switching system.